

WHAT IS CLAIMED IS:

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An electronic apparatus comprising:  
image pickup means for photographing an object and  
outputting an image signal;  
5 memory control means for allowing said image  
signal to be stored into image memory means; and  
communicating means for automatically transmitting  
the image signal stored in said image memory means when  
a predetermined condition is satisfied so as to enable  
10 a new image signal to be stored into said image memory  
means.

2. An apparatus according to claim 1, further  
comprising image selecting means for selecting an image  
15 signal from said image memory means on the basis of a  
predetermined selecting condition, and  
wherein said communicating means transmits said  
selected image signal.

20 3. An apparatus according to claim 2, wherein said  
predetermined selecting condition is a condition to  
select an old one of said stored image signals, and  
further comprising managing means for managing  
photographing times of said image signals for the  
25 purpose of said condition.

4. An apparatus according to claim 2, wherein said

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predetermined selecting condition is a condition to  
select an image signal in which an accessing frequency  
is small from said stored image signals, and  
further comprising managing means for managing  
5 accessing frequencies of said image signals.

5. An apparatus according to claim 2, wherein said  
predetermined selecting condition is a condition to  
select an image signal in which the number of colors is  
10 small from said stored image signals, and  
further comprising managing means for managing the  
numbers of colors of said image signals.

6. An apparatus according to claim 2, wherein said  
15 predetermined selecting condition is a condition to  
select an image signal in which the number of colors is  
large from said stored image signals, and  
further comprising managing means for managing the  
numbers of colors of said image signals.

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7. An apparatus according to claim 2, further  
comprising marking means for adding a mark to the image  
signal which is outputted from said image pickup means,  
and  
25 wherein said predetermined selecting condition  
relates to the presence or absence of said marking.

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8. An apparatus according to claim 1, wherein said communicating means is wireless communicating means.

5           9. An image processing method comprising the steps of:

storing a photographed image signal into image memory means; and

10          automatically transmitting the image signal stored in said image memory means so as to enable a new image signal to be stored into said image memory means.

15          10. A computer readable recording medium in which a program to execute a procedure by the computer has been recorded, wherein said procedure comprises the steps of:

storing a photographed image signal into image memory means; and

20          automatically transmitting the image signal stored in said image memory means so as to enable a new image signal to be stored into said image memory means.

11. A photographing apparatus comprising:

image pickup means for photographing an object and outputting an image signal;

25          memory control means for allowing said image signal to be stored into image memory means; remaining amount detecting means for detecting a

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remaining amount of said image memory means;

discriminating means for discriminating whether the photographing by said image pickup means can be performed or not on the basis of said detected remaining amount;

image selecting means for selecting an image signal from said image memory means on the basis of a predetermined selecting condition when a result of said discrimination indicates that the photographing is impossible; and

communicating means for transmitting said selected image signal.

~~12. A photographing apparatus comprising:~~

~~image pickup means for photographing an object and outputting an image signal;~~

~~memory control means for allowing said image signal to be stored into image memory means;~~

~~remaining amount detecting means for detecting a remaining amount of said image memory means;~~

~~discriminating means for discriminating whether the photographing by said image pickup means can be performed or not on the basis of said detected remaining amount;~~

~~image selecting means for selecting an image signal from said image memory means on the basis of a predetermined selecting condition when a result of said~~

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discrimination indicates that the photographing is impossible; and

image processing means for processing said selected image signal and supplying said processed 5 image signal to said image memory means.

13. An apparatus according to claim 11, wherein said predetermined selecting condition is a condition to select an old one of said stored image signals, and 10 further comprising managing means for managing photographing times of said image signals.

14. An apparatus according to claim 11, wherein said predetermined selecting condition is a condition to select an image signal in which an accessing 15 frequency is small from said stored image signals, and further comprising managing means for managing accessing frequencies of said image signals.

20 15. An apparatus according to claim 11, wherein said predetermined selecting condition is a condition to select an image signal in which the number of colors is small from said stored image signals, and further comprising managing means for managing the 25 numbers of colors of said image signals.

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16. An apparatus according to claim 11, wherein  
said predetermined selecting condition is a condition  
to select an image signal in which the number of colors  
is large from said stored image signals, and

5 further comprising managing means for managing the  
numbers of colors of said image signals.

17. An apparatus according to claim 11, further  
comprising marking means for adding a mark to the image  
10 signal which is outputted from said image pickup means,  
and

wherein said predetermined selecting condition  
relates to the presence or absence of said marking.

15 18. An apparatus according to claim 11, further  
comprising setting means for setting one of a plurality  
of photograph modes to obtain an image signal having a  
different image size from said image pickup means, and

20 wherein each of said remaining amount detecting  
means, discriminating means, and image selecting means  
executes each process when the setting of said  
photograph mode is changed.

25 19. An apparatus according to claim 11, wherein  
said image pickup means has instructing means for  
instructing the photographing, and each of said  
remaining amount detecting means, discriminating means,

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and image selecting means executes each process when said instructing means is operated.

20. An apparatus according to claim 11, further comprising erasing means for erasing said selected image signal from said image memory means after said communicating means finished said transmission.

21. An apparatus according to claim 11, wherein said communicating means transmits said selected image signal in a wireless manner.

22. An apparatus according to claim 11, wherein said communicating means communicates with a base station of a cellular phone.

23. An apparatus according to claim 21, further comprising microphone means, speaker means, and audio processing means for processing an audio signal from said microphone means and transmitting the processed audio signal to said communicating means and for processing the audio signal received by said communicating means and transmitting the processed audio signal to said speaker means.

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24. An apparatus according to claim 23, further comprising: a first block equipped with a part of each

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of said means and said microphone means; a second block equipped with another part of each of said means and said speaker means; and coupling means for mutually rotatably coupling said first and second blocks.

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25. An apparatus according to claim 24, wherein said image pickup means is provided for one of said first and second blocks, and display means for displaying the image signal which is obtained from said 10 image pickup means is provided for the other block.

26. An apparatus according to claim 12, further comprising erasing means for erasing said selected image signal from said image memory means after said 15 image processing means finished said process.

27. An apparatus according to claim 12, wherein said image processing means further compresses said selected image signal.

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28. An apparatus according to claim 12, wherein said image processing means reduces resolution of said selected image signal.

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29. An apparatus according to claim 12, wherein said image processing means reduces the number of colors of said selected image signal.

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30. A computer readable recording medium in which a program to execute by the computer has been recorded, wherein said program comprises the steps of:

      storing an image signal photographed by image  
5      pickup means into image memory means;  
      detecting a remaining amount of said image memory  
means;  
      discriminating whether the photographing by said  
image pickup means can be performed or not on the basis  
10    of said detected remaining amount;  
      selecting an image signal on the basis of a  
predetermined selecting condition from said image  
memory means when a result of said discrimination  
indicates that the photographing is impossible; and  
15    transmitting said selected image signal.

31. A computer readable recording medium in which a program to execute by the computer has been recorded, wherein said program comprises the steps of:

20      storing an image signal photographed by image  
pickup means into image memory means;  
      detecting a remaining amount of said image memory  
means;  
      discriminating whether the photographing by said  
image pickup means can be performed or not on the basis  
25    of said detected remaining amount;  
      selecting an image signal on the basis of a

predetermined selecting condition from said image  
memory means when a result of said discrimination  
indicates that the photographing is impossible; and  
processing said selected image signal and  
5 supplying the processed image signal to said image  
memory means.

~~32. A computer readable recording medium in which  
data including a photograph mode of a photographing  
10 apparatus and a size of image which is photographed in  
said photograph mode has been recorded.~~